IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re a	pplicatio	n of:		
OHGA	NE et al			Atty. Dck. No. 106145-00075
Serial	No.: Nev	v Application		Examiner:
Filed:	Decemb	er 15, 2003		Art Unit:
For: P	AINT SU	BSTITUTE F	TLM	
			INFORMATION DIS	SCLOSURE STATEMENT
P.O. E	3ox 1450	for Patents 22313-1450		Date: December 15, 2003
herein expres	ed to the , one cop ssly cons	information it by of each ited idered during	em(s) listed on the a m(s) is attached. It i the prosecution of t	of the Patent and Trademark Office is hereby attached PTO-1449. Unless otherwise indicated is respectfully requested that the information be his application, and that the item(s) be made of record d" on any patent to issue therefrom.
⊠	presen	ing date, OR	(b) before the mailin OR (c) accompanie	tement is being filed (a) within three months of the ig date of a first Office Action on the merits in the s a Request for Continued Examination. No
		ing date AND		tement is being filed more than three months after the te of the first Office Action on the merits, but before Notice of Allowance.
		Disclosure S a counterpa	Statement was first our foreign application	h item of information contained in this Information cited in a communication from a foreign patent office in not more than three months prior to the filing of this nt. 37 CFR §1.97(e)(1).
		Statement v foreign appl to any indivi	vas cited in a commi ication or, to my kno dual designated in 3	tem of information in this Information Disclosure unication from a foreign patent office in a counterpart owledge after making reasonable inquiry, was known 17 CFR §1.56(c) more than three months prior to the ure Statement. 37 CFR §1.97(e)(2).
				of \$180.00 in payment of the fee under 37 CFR e deficiency or credit any overpayment to Deposit

3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information

Account No. 01-2300 as needed to ensure consideration of the disclosed information.

Disclosure Statement be considered. Attached is our check in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.

	 I hereby certify that each item of information contained in this Information 					
	Disclosure Statement was first cited in a communication from a foreign patent office in					
	a counterpart foreign application not more than three months prior to the filing of this					
	Information Disclosure Statement. 37 CFR §1.97(e)(1).					

- b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

REMARKS

JP 63-123469 corresponds to U.S. Patent No. 4,810,540. A copy of which is enclosed.

JP 63-120640 corresponds to EP 0266 107. A copy of which is enclosed.

JP 2-503077 corresponds to WO 88/07416 and U.S. Patent No. 6,551,432. Copies of which are enclosed.

Respectfully submitted

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CMM/rkc

Enclosure(s): Form PTO-1449 & 9 refs.

Sheet 1 of 1

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

106145-00075 APPLICANT	New Application
40644E 0007E	New Application
ATTY, DOCKET NO.	SERIAL NO.

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

OHGANE et al				
FILING DATE	GROUP			
December 15, 2003				

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	4,810,540	3/7/1989	Ellison et al			
	AB	6,551,432	4/22/2003	Spain et al			
	AC						- · · - · · · · · · · · · · · · · · · ·
	AD_						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRA YES	ANSLAT NO F	PART.
AG	63-120640	5/25/1988	Japan				xx	
 AH	63-123469	5/27/1988	Japan				xx	
 Al	2-503077	9/27/1990	Japan				xx	
 AJ	9-183136	7/15/1997	Japan				xx	
 AK	09-183136	7/15/1997	Japan					xx
AL	0 266 107 A2	5/4/1988	Europe					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

АМ	WO 88/07416 published October 6, 1988.
 AN	
AO	

EXAMINER		DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in					